

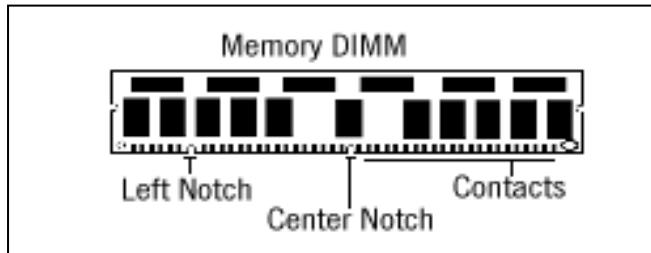
# GENERAL DIMM INSTALLATION INSTRUCTIONS

INSTR-PC-SMDM (4/99)

## INSTALLATION INSTRUCTIONS

### Anatomy of a DIMM

A desktop or tower computer DIMM will be classified as 168-pin. Each DIMM will contain a number of chips which will vary from 4 to more than 32. Along the edge of the DIMM, there will be gold or silver contacts on the front and back. These are often referred to as the "pins" of the module. Along the connector edge, you will notice a notch near the center, and one to the left of the center notch. These alignment notches will help you orient the DIMM correctly into the socket.



### Handling Memory DIMMs and Internal Computer Components

Memory DIMMs, like most electrical components inside computers, are susceptible to damage by static electricity. You should NEVER handle memory or computer parts if you have any static electricity buildup. Before working with any sensitive electronics, be sure to touch a large metal object to ground yourself. If you have an antistatic grounding strap, it's a very good idea to use it while working with your computer.

In addition to eliminating static discharge, DIMMs need to be handled carefully. Avoid touching the metal contacts to help prevent future corrosion due to skin oils. Do not drop, bend, or stress your DIMMs. Do not expose them to temperature extremes or high humidity. Allowing your DIMM to become subject to such conditions may damage your DIMMs and will void your warranty.

### Installing Memory DIMMs

Installing your memory DIMMs is a fairly easy process; however, before attempting installation, make sure you have all of these items to ensure your installation will go smoothly: 1) your new memory upgrade 2) your computer or motherboard owner's manual or technical manual 3) all tools necessary to open your case and access memory slots 4) a large work area in a low-static environment (i.e.-A laminated table surface in a non-carpeted room), and an antistatic grounding strap, if available.

### Memory DIMM Installation\*:

- 1) With the computer turned off and unplugged, remove the computer's case. (Refer to your owner's manual)
- 2) Locate and gain access to the memory slots on the motherboard or memory board subassembly.
- 3) Determine proper slot(s) for your upgrade.
- 4) Remove your DIMM(s) from the antistatic package and install them one at a time: align notch(es) with corresponding key(s) in the memory slot, inset the DIMM straight down into the slot until it snaps into place and the tab is in the upright position.

- 5) Replace the cover to the computer's case.
- 6) Reconnect the cables to the computer and boot the computer.
- 7) The new memory should now be recognized by your computer.

\*These steps apply to the most popular installations. If you have difficulty during installation(s) or these steps do not apply to your particular installation, please contact the computer vendor's technical support line or Peripheral Enhancements' PartnerFirst Department for assistance.

## SERVICE & SUPPORT

EDGE Memory modules, by Peripheral Enhancements, are built from premium components for the ultimate in quality and reliability. If you should have any problems or questions regarding your memory, feel free to contact our toll-free Technical Support Group.

### HOW TO OBTAIN TECHNICAL ASSISTANCE

If you are unable to resolve a question or problem, Peripheral offers FREE LIFETIME TECHNICAL SUPPORT. You may call our PartnerFirst hotline Monday-Friday, 8 a.m.-6 p.m. Central Time, excluding normal holidays:

WITHIN THE U.S. CALL TOLL-FREE

800-332-6581

OUTSIDE THE U.S. CALL

580-332-6581

When calling technical assistance, please be at your computer and have your memory module available.

### HOW TO OBTAIN WARRANTY SERVICE

Peripheral Enhancements Corp. will repair or replace defective products at our option, under the terms of the product's Limited Warranty printed in this document. YOU MUST HAVE A RETURN MERCHANDISE AUTHORIZATION (RMA) NUMBER BEFORE RETURNING MERCHANDISE UNDER THE TERMS OF THIS WARRANTY. For security reasons, if your package does not have a valid RMA Number on the outside of the box, it will be refused and returned unopened to you by our receiving department.

To obtain an RMA number, call Peripheral Enhancements Corporation, 8 a.m.-6 p.m., Monday-Friday, at 580-332-6581 and request the Return Authorizations Desk. Return merchandise in the original packaging material with any accessories or manuals included, and include a copy of the original invoice. Replacement or repair will be delayed if the invoice is not provided.

Customer is responsible for all return shipping and insurance charges. Customer assumes all liability for returned product until it is received by Peripheral's Receiving Department. SHIP MERCHANDISE BY A MEANS REQUIRING OUR SIGNATURE, FOR YOUR PROTECTION. DO NOT SHIP BY ORDINARY PARCEL POST OR U.S. MAIL (except Certified Mail). Ship merchandise to:

**PERIPHERAL ENHANCEMENTS CORPORATION  
WARRANTY SERVICE DEPARTMENT  
327 E. 14<sup>TH</sup> Street, Ada, OK 74820 U.S.A.  
RMA Number: \_\_\_\_\_**

**YOUR RMA NUMBER MUST APPEAR ON THE PACKAGE LABEL.**

Upon repair, your merchandise will be shipped postpaid to you by Peripheral's selected carrier.

Read Peripheral's Limited Warranty and Disclaimer for full information on warranties provided by the company.

## **WARRANTY INFORMATION**

**EDGE Memory™**

### **Limited Lifetime Warranty and Disclaimer**

This product is warrantied to be free of defects in materials and workmanship and to function in accordance with manufacturer's specifications. This warranty applies only to the original purchaser, and no warranty or liability exists for loss of any data or for software, nor for damage to computer hardware, caused during or after installation of the product.

No warranty or guarantee of any kind shall exist for repair, replacement or refund of any item damaged directly or indirectly as a result of installation or use of the product. Acceptance of this product constitutes purchaser's agreement that Peripheral's sole obligation under this warranty shall be repair or replacement of the product or refund of the full original purchase price, at Peripheral's option. Under no circumstances whatsoever will more than the full original purchase price of the product be deemed payable, regardless of the circumstances causing the claim.

No warranty exists for damage or destruction of a willful nature, caused deliberately by any person or arising from use of the product for anything other than its intended use by the manufacturer and/or distributor. No warranty exists for repairs of any damages caused by natural disasters or acts of God, including electrical surges or static electricity emissions. No warranty exists for damages resulting from modifications made to the product by any unauthorized person.

### **IMPORTANT**

PLEASE CONTACT A QUALIFIED TECHNICIAN FOR ASSISTANCE IN  
INSTALLING THIS PRODUCT IF YOU ARE NOT FAMILIAR WITH DOING SO.  
ANY INSTRUCTIONS INCLUDED WITH THE PRODUCT ARE FOR  
CONVENIENCE ONLY AND ARE NOT INTENDED TO BE ALL-INCLUSIVE.